AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions and listings of claims. Only those claims being amended herein show their changes in highlighted form, where insertions appear as underlined text (e.g., insertions), while deletions appear as strikethrough text (e.g., ~~deletions~~) or enclosed in double brackets (e.g., [[deletion]]).

Listing of Claims:

1. (Currently Amended) A fluid medication delivery device, comprising:

a fluid impermeable layer;

a fluid semi-permeable layer, said semi-permeable layer and said impermeable layer cooperating to define a space therebetween, said space defining a fluid reservoir of said delivery device, said semi-permeable layer and said impermeable layer having a continuous seal therebetween to define a periphery of said fluid reservoir;

at least one internal wall within the periphery of said fluid reservoir configured so as to form multiple interconnected regions within said fluid reservoir, each said internal wall formed by securing a portion of said fluid impermeable layer located inside said periphery to a portion of said fluid semi-permeable layer located inside said periphery such that said portion of said fluid impermeable layer abuts said portion of said fluid semi-permeable layer; and

a fluid inlet communicating with said fluid reservoir, said fluid inlet comprising a valve configured to permit fluid entry into said fluid reservoir, said fluid inlet adapted to permit said delivery device to be selectively connectable to a connector for a supply of fluid, said delivery device adapted to selectively secure said connector in the radial and axial direction, wherein said valve comprises a one-way valve configured such that, when said connector is secured to said fluid inlet, said one-way valve permits ~~to permit~~ fluid to enter said fluid reservoir and ~~to prevent~~ prevents fluid from exiting said fluid reservoir through said fluid inlet; [[and]]

wherein a fluid is diffusable across said semi-permeable layer in response to a pressure imparted on said fluid.

2. (Original) The delivery device of Claim 1, wherein said semi-permeable layer comprises a porous membrane having a pore size of less than 0.25 microns.

3-4 (Cancelled)

5. (Original) The delivery device of Claim 4, wherein said at least one internal wall is defined by a seal between said impermeable layer and said semi-permeable layer.

6. (Previously Presented) The delivery device of Claim 1, wherein said semi-permeable layer comprises a material selected from one of polysulfone, polyethersulfone, polyvinylidene diflouride, and nylon.

7. (Previously Presented) A fluid medication delivery device, comprising:

a fluid impermeable pouch having first and second opposing walls, said first wall and said second wall defining a space therebetween, said space defining a fluid reservoir of said delivery device, said second wall including a plurality of openings therethrough defining a diffusion area of said delivery device;

a fluid inlet communicating with said fluid reservoir, said fluid inlet comprising a valve configured to permit fluid entry into said fluid reservoir, said fluid inlet adapted to permit connection to a connector for a supply of fluid, said fluid inlet adapted to selectively secure said connector in the radial and axial direction; and

a fluid semi-permeable layer covering at least said diffusion area of said delivery device, said semi-permeable layer being configured such that fluid within said fluid reservoir must pass through said semi-permeable layer before exiting said delivery device.

8. (Original) The delivery device of Claim 7, wherein said fluid inlet comprises a one-way valve configured to permit fluid entry into said fluid reservoir.

9. (Original) The delivery device of Claim 8, wherein a fluid is diffusable across said semi-permeable layer in response to a pressure imparted on said fluid by an external source of fluid pressure.

10. (Original) The delivery device of Claim 7, wherein said semi-permeable layer comprises a porous membrane having a pore size of less than 0.25 microns.

11. (Original) The delivery device of Claim 7, wherein said openings of said second wall have a diameter of between about 0.25 microns and 0.254 mm.

12. (Original) The delivery device of Claim 7, wherein said pouch comprises a circumferential seal between said first and second walls, a periphery of said semi-permeable layer being sealed by said circumferential seal.

13. (Original) The delivery device of Claim 7, additionally comprising at least one internal wall within said fluid reservoir, said internal wall segmenting said fluid reservoir into multiple regions interconnected with one another.

14. (Original) The delivery device of Claim 7, wherein said semi-permeable layer is positioned between said first wall and said second wall.

15. (Original) The delivery device of Claim 7, wherein said semi-permeable layer is positioned adjacent said second wall, external of said pouch.

16. (Previously Presented) The delivery device of Claim 7, wherein said semi-permeable layer comprises a material selected from one of polysulfone, polyethersulfone, polyvinylidene diflouride, and nylon.

17-24. (Canceled)

25. (Previously Presented) The delivery device of Claim 1, wherein said connector is a luer coupler.

26. (Previously Presented) The delivery device of Claim 1, wherein said fluid inlet is configured to remain connected to said supply of fluid.

27. (Previously Presented) The delivery device of Claim 1, wherein said fluid inlet is configured to allow the continuous delivery of fluid to the fluid medication delivery device from said supply of fluid.

28. (Currently Amended) A fluid medication delivery device, comprising:

a fluid impermeable layer;

a fluid semi-permeable layer configured such that a fluid is diffusable across said semi-permeable layer, said semi-permeable layer and said impermeable layer cooperating to define a space therebetween, said space defining a fluid reservoir of said delivery device, said semi-permeable layer and said impermeable layer having a continuous seal therebetween to define a periphery of said fluid reservoir;

at least one seam inside the periphery of said fluid reservoir that is configured to segment said fluid reservoir into multiple interconnected regions, said seam formed by

securing a portion of said fluid impermeable layer located inside the periphery to a portion of said fluid semi-permeable layer located inside the periphery such that said portion of said fluid impermeable layer abuts said portion of said fluid semi-permeable layer; and

a fluid inlet communicating with said fluid reservoir, said fluid inlet comprising a valve configured such that, when said connector is secured to said fluid inlet, said valve permits ~~to permit~~ fluid entry into said fluid reservoir, said fluid inlet adapted to permit said delivery device to be selectively connectable to a connector for a supply of fluid.

29. (Previously Presented) The fluid medication delivery device of Claim 28, wherein a portion of said at least one seam is linear.

30. (Previously Presented) The fluid medication delivery device of Claim 28, wherein a portion of said at least one seam is curvilinear.

31. (Previously Presented) The fluid medication delivery device of Claim 28, comprising a plurality of linear seam portions that radiate outwardly from said fluid inlet.